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(54) VEHICLE DATA BUS SYSTEM WITH POSITIONING MEANS

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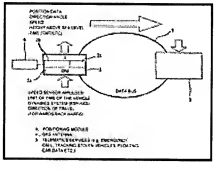
(57) The invention relates to a vehicle data bus system with positioning means, comprising a positioning calculating unit and a positioning sensor containing at least one GPS receiver with a corresponding GPS antenna and gyro data acquisition means; and a data bus, by which means several connected bus subscribers are interconnected in a data transmission connection. According to the



invention, the positioning means contain a positioning module in the form of one of the bus subscribers, which is adjusted to receive at least wheel speed data and forward/backward direction of motion data via the data bus, to obtain at least vehicle position data, direction of motion angle data, speed of travel data and height data and to output the data obtained to the data bus and which contains the positioning calculating unit, the GPS receiver and a gyroscope or means for receiving and evaluating gyro data from a driving dynamics/wheel slip control system. The invention is for use e.g. in automobiles.